

13. Pharmaceutical composition intended to adhere to a
5 mucous membrane in particular for the prevention and
treatment of radiomucositis, and of chemomucositis
induced by radiotherapy and combined radiochemotherapy,
comprising an effective quantity of a compound chosen
10 from flavonoids and isoflavonoids in the form of a
mixture with a vehicle which is liquid at room
temperature and which gels at the temperature of the
mucous membrane and which is capable of adhering to the
mucous membrane because of its gelled state.

14. Composition according to Claim 13 whose vehicle is
15 an aqueous vehicle and comprises a mixture of 0.05 to
5% (preferably 0.1 to 3%) by weight of an agent
conferring viscosity and of 1 to 20% (preferably 5 to
20%) by weight of an agent modifying the viscosity
according to the temperature.

15. Composition according to Claim 14, in which the
20 agent modifying the viscosity according to the
temperature is chosen from poloxamers, poloxamines, and
divinylbenzenesorbitol compounds.

16. Composition according to Claim 13, in which the
25 flavonoid is chosen from rutosides, diosmin,
quercitrin, tangeretin and hesperidin.

17. Composition according to Claim 13, in which the
isoflavonoid is genistein, daidzin or glycitin.

18. Composition according to Claim 16, in which the
30 rutoside is rutin.

19. Composition in solid form and forming a
composition according to Claim 13 by mixing with water.

1 20. Method for the prevention and for the treatment of
35 radiomucositis and of chemomucositis comprising the
administration on the mucous membrane of an effective
amount of a compound chosen from flavonoids and
isoflavonoids in the form of a mixture with a vehicle
which is liquid at room temperature and which gels at
the temperature of the mucous membrane and which is
capable of adhering to this mucous membrane because of
its gelled consistency.